

### REMARKS

The Examiner has required corrected drawings showing the means for measuring temperature present in original claim 5. A new Figure 5 showing an exploded view of the distributed temperature sensing monitor and its attachment to the fiber optic is filed herewith.

The Examiner has rejected claims 7-9 under 35 U.S.C. §101 stating that they include both method and apparatus claims. Method claim 7 has been amended to be the only method claim and claims 8 and 9 have been amended to be only apparatus claims. Accordingly, reconsideration and withdrawal of the 35 U.S.C. §101 rejections is respectfully requested.

The Examiner has rejected claims 1-4 and 7-9 under 35 U.S.C. §102 as being anticipated by Blew et al. Applicant has amended independent claims 1 and 7 setting forth that the optic fiber is attached to the means for measuring temperature. Blew et al. does not disclose such an attachment, therefore it cannot anticipate Applicant's present claims.

Accordingly reconsideration and withdrawal of the 35 U.S.C. §102 rejection is respectfully requested.

The Examiner has rejected claims 5 and 6 under 35 U.S.C. §103 as being unpatentable over Blew et al. Claim 5 has been cancelled and Claim 6 amended to state that the optic fiber is attached to a temperature measuring means. As stated by the Examiner Blew et al. does not show a means to measure the temperature of the optic fiber. There is no attachment between an optic fiber and a temperature measuring means in Blew et al. and no suggestion thereof.

The Examiner states that such a means is common knowledge and it would have been obvious to one having ordinary skill in the art to provide such a means to Blew et al.'s cable. Since there is no suggestion of use of such a means, nor such an attachment as is present in Applicant's claim 6 the Examiner is requested to provide Applicant with a reference or publication showing such an attachment to an optic fiber and its attachment to a means to measure the temperature of the optic fiber.

Accordingly reconsideration and withdrawal of the 35 U.S.C. §103 rejection is respectfully requested.

In view of the above amendments and remarks reconsideration and withdrawal of the rejections of Applicant's claims and a Notice of Allowance is respectfully requested.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Herbert M. Hanegan". The signature is fluid and cursive, with the first name "Herbert" being more prominent.

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